

## Operator Precedence

```
result = 3 + 5 * 2 # 16 or 13 ?  
print(result)
```

| Operators                                                                                                                                                                                           | Meaning                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <code>()</code>                                                                                                                                                                                     | Parentheses                                       |
| <code>**</code>                                                                                                                                                                                     | Exponent                                          |
| <code>+x</code> , <code>-x</code> , <code>~x</code>                                                                                                                                                 | Unary plus, Unary minus, Bitwise NOT              |
| <code>*</code> , <code>/</code> , <code>//</code> , <code>%</code>                                                                                                                                  | Multiplication, Division, Floor division, Modulus |
| <code>+</code> , <code>-</code>                                                                                                                                                                     | Addition, Subtraction                             |
| <code>&lt;&lt;</code> , <code>&gt;&gt;</code>                                                                                                                                                       | Bitwise shift operators                           |
| <code>&amp;</code>                                                                                                                                                                                  | Bitwise AND                                       |
| <code>^</code>                                                                                                                                                                                      | Bitwise XOR                                       |
| <code> </code>                                                                                                                                                                                      | Bitwise OR                                        |
| <code>==</code> , <code>!=</code> , <code>&gt;</code> , <code>&gt;=</code> , <code>&lt;</code> , <code>&lt;=</code> , <code>is</code> , <code>is not</code> , <code>in</code> , <code>not in</code> | Comparisons, Identity, Membership operators       |
| <code>not</code>                                                                                                                                                                                    | Logical NOT                                       |
| <code>and</code>                                                                                                                                                                                    | Logical AND                                       |
| <code>or</code>                                                                                                                                                                                     | Logical OR                                        |

## Comments

```
# This is a comment & useful for people reading your code  
# This is another line
```

## Comparison Operators